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(54) Title: HUMAN MEMBRANE CHANNEL PROTEINS

- 12 VEPDPEAGSEQEVFSAVEGFSAEETPSDIESPEVLETQLDHQGLIGMDPPGDMDFVAA 1568324
V P P ++ A P E P FE E Q + +P + AA
- 8 VLPQPPGTGTPKTEGAGQPEPETESKPEANQPEP-EVQPEPEPEP-EPEPEPEPAPEEAA GI 2924369
- 72 ESTEDL---KALSSEEEFEMGGAQEPESLLPPSVLDQASVIAERFVSSFSRRSS-VAQE 1568324
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- 66 PEVOILPPEEPVEGEDVAEAGPSLQETQEQADPPQPTSQQA---VVKVNRPSWMLSW GI 2924369
- 128 DSKSSGFGSPRLVSRSSSVLSLEGSEKGLARHGSAT 1568324
K P+ V SS +L E G + G+ T
- 122 FWKGMKVVQPVYSSSGGQNLAGEGGPDQDGAQT GI 2924369
- 461 PERDGKSPITVFCLOEFAGEPLGGKGRK---PVLSLFDYEQIMAQE-HSPPKPSAG 1568324
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- 150 PDQDGAQTLEPGGIDGDSGSDKTSKIQOTEPSLWLLFWLELNLEKVLQPPPTPSQAW GI 2924369
- 514 EMSQRFFFNP-PAVSQRTISFGGRPSARSPLSPTE 1568324
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- 210 KVEPEGAVLEDPFGTMEVEPTENPSQNP-GPVE GI 2924369
- 653 EKGPLPSPTAGLEESSGQGPSSPVALLGQVQDFQOQSAEQPKKEGSRDPADPSQGG 1568324
E+ P P G + SS P PV L+ + +A QP G +PS G
- 246 EEPAAEPQPGFQASSLPFGDVFRLIEALLHRLMALPQFVLHKAEEQEPSCFG GI 2924369

(57) Abstract: The invention provides new human membrane channel proteins (MECHP) and polynucleotides which identify and encode MECHP. The invention also provides expressi n vectors, host cells, antibodies, agonists, and antagonists. The invention also provides methods for diagnosing, treating, or preventing disorders associated with expression of MECHP.

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